ABSTRACT

An objective of the present invention is to provide compounds that can effectively suppress the concentration of phosphorus in serum to effectively prevent or treat diseases induced by an increase in concentration of phosphate in serum. The compounds according to the present invention are compounds represented by formula (I) and pharmaceutically acceptable salts and solvates thereof:

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$$\begin{array}{c|cccc}
O & & & & & & & & & & \\
\hline
A & & & & & & & & & & \\
R_{104} & & & & & & & & \\
R_{103} & & & & & & & \\
R_{103} & & & & & & & \\
R_{101} & & & & & & & \\
R_{102} & & & & & & & \\
\end{array}$$

wherein A represents an optionally substituted five- to nine-membered unsaturated carbocyclic moiety or a five- to nine-membered unsaturated heterocyclic moiety, and ____ represents a single bond or a double bond, R⁵ represents optionally substituted aryl or the like, Z represents - N=CHR⁶R⁷ or the like, R⁶ and R⁷ represent H, optionally substituted alkyl, optionally substituted aryl or the like, R¹⁰¹ and R¹⁰² together form =O, and R¹⁰³ and R¹⁰⁴ represent H, or R¹⁰¹ and R¹⁰⁴ together from a bond, and R¹⁰² and R¹⁰³ together form a bond.